

MS-002

INSTRUCTIONS FOR COMPLETING THE PROPOSED TESTING / SAMPLING FORM

An MS-002 must be completed for each new or proposed testing/sampling requirement identified on AR-002. Testing/sampling is used to evaluate the processes, operations, emissions or other aspects of a facility over a period of time. Testing/sampling must provide reliable data from a relevant time period to demonstrate compliance with the permit requirements. Refer to the Periodic Monitoring document *Procedures for Evaluating Periodic Monitoring Submittals in Renewable Operating Permits*, and the technical guidance document *Compliance Assurance Monitoring*, which are available via the AQD website at <http://www.deq.state.mi.us/aqd>.

Information regarding report submittal for testing/sampling identified on this form should be provided on MS-003.

SRN – Enter the State Registration Number (SRN) assigned to the source.

1. **Operator's Emission Unit or Flexible Group ID** – Enter the Operator's ID of the Emission Unit or Flexible Group subject to the testing/sampling. This ID was created in Item 2 on Emission Unit form (EU-003) or Flexible Group form (FG-001). If the testing/sampling is source-wide, enter the stationary source's SRN.

TESTING/SAMPLING INFORMATION

2. **List all Applicable Requirement IDs** – List all applicable requirement IDs from AR-002 for which testing/sampling is being used to demonstrate compliance.
3. **Pollutant(s)/Parameter(s)** – Identify the pollutants or parameters that represent the measurable information being tested or sampled. More than one parameter or pollutant may be listed for a given system.
 - Stack Testing is used to determine emissions of regulated air contaminants. These include criteria pollutants, non-criteria pollutants, metals and HAPs. Exhaust gases are collected directly from a discharge stack. Stack testing results that have been evaluated and accepted by the AQD are used to demonstrate compliance with permit requirements.
 - Sampling is used for fuels, coatings, waste, process gas or other materials to determine the make-up or specific content of that material. Parameters that can be measured using sampling include such things as BTU or sulfur content of a fuel, VOC content of a coating, fuel oil density, or metals and PCB content of waste oil. Information from the analysis is used to directly verify compliance with permit conditions. Sample collection may be performed manually or by an automated system.
4. **Method/Analysis** – Reference the testing/sampling method for each pollutant or parameter identified in Item 3 (e.g., EPA Method 24 for VOCs, Michigan Reference Test Method 5B or 5C for particulates). If the method/analysis is not an established method, provide details on AI-001.
5. **Testing/Sampling Frequency** – Check the appropriate testing or sampling frequency. The frequency is how often the data is collected for analysis. If the testing/sampling is done at more than one site for the same pollutant, indicate the site with the most frequent testing/sampling. Complete AI-001 to describe any variances in testing/sampling frequency.
6. **Additional Information ID** – Provide the ID created on the associated A-001 form for any additional information or attachments that supplement this form. Refer to AI-001 instructions to create the ID. If the additional information or attachment is more than one page, label each page to show the relationship between pages.

